

Specification Amendments

Please replace the paragraph bridging pages 3 and 4 with the following amended paragraph:

The presence of the p-n junction in the underlying link makes it possible to detect that a fuse has been programmed, even if the conductive layer has only been partially blown. Small, previously undetectable amounts of conductive layer removal will still result in measurable qualitative changes in the fuse's characteristics. This makes it possible to significantly reduce the amount of energy used to program the p-n junction fuses as compared to conventional silicided polysilicon fuses which do not have p-n junctions.